

CLAIMS

1. A refining surface for a refiner for defibering material containing lignocellulose, which refiner has two coaxially rotating refining surfaces, between which the material being defibered is fed and which both have grooves
5 and bars in them, and at least some of the bars of the refining surfaces have on their outer surface a bevel that becomes lower starting from the incoming direction of the bars of the other refining surface so that when the refining surfaces rotate relative to each other, a force that pushes the refining surfaces away from each other is created between them, **characterized** in that
10 the bevel is narrower than the entire width of the bar.
2. A refining surface as claimed in claim 1, **characterized** in that the bevel is only in some of the bars.
3. A refining surface as claimed in claim 1 or 2, **characterized** in that the bevel is designed in such a manner that when the minimum
15 clearance (H_2) between the bars of the refining surfaces is as predefined, the ratio between the maximum clearance (H_1) and the minimum clearance (H_2) is $H_1 / H_2 = 2.2 \pm 50\%$.
4. A refining surface as claimed in claim 3, **characterized** in that the ratio is $H_1 / H_2 = 2.2 \pm 20\%$.
- 20 5. A refining surface as claimed in claim 3, **characterized** in that the ratio is $H_1 / H_2 = 2.2$.
6. A refining surface as claimed in any one of the preceding claims, **characterized** in that the bevel is shorter than the entire length of the bar.
- 25 7. A refining surface as claimed in any one of the preceding claims, **characterized** in that it has several bevels with different inclinations.
8. A refining surface as claimed in claim 7, **characterized** in that the bevels are formed consecutively in the axial direction.
9. A refining surface as claimed in claim 7, **characterized** in
30 that the bevels having different inclinations are formed alternately in the circumferential direction of the refining surface.
10. A refining surface as claimed in any one of claims 1 to 6, **characterized** in that the inclinations of at least some of the bevels change in the longitudinal direction of the bar.